Philips Cineos widescreen flat TV with Pixel Plus 2 HD and Ambilight 2 channel

42"

LCD HD Ready

CINEOS

42PF9830

Turn up your viewing experience

with Pixel Plus 2 HD and Ambilight 2

Enjoy the ultimate viewing experience of this Philips Cineos Flat TV with Pixel Plus 2 HD, Ambilight 2, true HD LCD technology and a motorized swivel stand. Connected Planet technology gives you even wider access to multimedia content.

Be an eyewitness

- Full HD LCD display, 1920x1080p
- HD Ready for the highest quality display of HD signals
- Pixel Plus 2 HD for great details, depth and clarity
- 2-channel active Ambilight enhances the viewing experience

True beauty lies in the details

- 2 integrated NXT Monolith speakers with amazing performance
- Matching design stand with motorized swivel included

Perfect picture quality from your digital photos

- Access your photos, music and movies via PC-link
- USB and Memory-Card slot for instantly playing multimedia
- Wireless prepared for connection to your PC

Advanced connection to your audio/video products

- Most modern and highest quality HDMI and DVI-I connectivity

PHILIPS

sense and simplicity

Highlights

Full HD LCD display 1920x1080p
This display has a resolution that is referred to as Full HD. The state-of-the-art LCD screen technology has the full high-definition widescreen resolution of 1080 progressive lines, each with 1920 pixels. This allows the best possible picture quality for HD input signals with up to 1080 lines. It produces brilliant flicker-free progressive scan pictures with optimum brightness and superb colors. This vibrant and sharp image will provide you with an enhanced viewing experience.

HD Ready
Enjoy the exceptional picture quality of High Definition pictures and be fully prepared for HD sources like HDTV settop box or Blu-ray disc. HD Ready is a protected label that offers picture quality beyond that of progressive scan. It conforms to strict standards laid out by EICTA to offer a HD screen that displays the benefits of resolution and picture quality of a High Definition signal. It has a universal connection for both analog YPbPr and uncompressed Digital connection of DVI or HDMI, supporting HDCP. It can display 720p, and 1080i signals at 50 and 60Hz.

Pixel Plus 2 HD
Pixel Plus 2 HD offers the unique combination of ultimate sharpness, natural detail, increased depth, vivid colors and smooth and natural motion from standard TV, High Definition signals and multimedia sources. Each pixel of the incoming picture is enhanced to better match the surrounding pixels, resulting in a more natural picture. Artifacts in compressed multimedia content are detected and reduced, ensuring that the picture is clean and razor sharp. Digital noise reduction ensures that the picture is perfectly smooth yet razor sharp.

Ambilight 2 channel
Ambilight makes an impressive contribution to the overall viewing experience by producing ambient light to complement the colors and light intensity of the on-screen image. It adds a new dimension to the viewing experience, completely immersing you into the content you are watching. It creates ambiance, stimulates more relaxed viewing, and improves perceived picture detail, contrast and color. Ambilight automatically and independently adapts its colors according to the changing content on the screen.

Flat NXT Monolith Speakers
The ground-breaking NXT surface sound principle has been further developed into the monolith speaker technology It actually uses the outer surface of the TV cabinet as the speaker membrane. The speakers are now virtually invisible, bringing a stunning design, and a pure and direct sound radiation.

Bypacked motorized swivelstand
The high-quality stand is designed specifically for this TV, and facilitates easy placement of your Flat TV without drilling holes in the wall. Enjoy the finger-tip convenience of finding the best viewing angle and the magic effect of the motorized swivel operated by the TV's remote control. It rotates over a total range of 60 degrees (30 degrees each side), with memory positions for the central-, and 'previous position'. Invisible Cable management is included in the back. This stand is designed to fit on the matching accessory floorstand.

PC-link
The PC-link provides fun and easy access to your personal digital media files and multimedia content*. The widely used Ethernet (LAN) and WiFi open standards are used for wired and (optional) wireless** connection and ensure interoperability. Browse your PC collection of digital photographs, multimdia videos and music files via your home LAN network. The intuitive user interface of the TV and the Philips Multimedia Manager for your PC makes it available at the push of a button (* see product for supported formats, PC-LAN functionality required ** Additional 'Ethernet-bridge' device required)

USB and Memory Card slot
Instantaneously view and share your movies, photos and music. The Memory Card slot will accept cards of type Compact Flash I and II, Memory Stick, SD Card / Mini SD Card, Smart Media, Micro Drive (up to 2 GB) and Multi Media Card. Simply plug the memory card into slot at the side of the TV, and access the multimedia files stored on the card. The USB connector allows access to multimedia files of most USB-sticks and most digital cameras (USB memory-class device).

Wireless PC link prepared
Wi-Fi is the leading standard for wireless broadband. With the wireless prepared function* in the Philips TV you can share PC multimedia content anywhere in your house, without the hassle of wires. High Bandwidth means you can enjoy high quality multimedia pictures, music or video, over distances that can reach up to 100 meters**. Access your WiFi PC or your home WiFi network (router). (*requires optional, WiFi Ethernet-bridge. **may vary under local conditions)

HDMI & DVI-I inputs
HDMI and DVI-I make an uncompressed digital RGB connection from the source to the screen. By eliminating any conversion to an analog signal, it delivers an unblemished image. The non-degraded signal has reduced flicker and leads to a clearer picture. HDMI intelligently communicates the highest output resolution with the source device. The HDMI input is fully backward compatible with DVI sources but also includes digital audio. HDMI and DVI-I use HDCP copy protection. The DVI-I input is compatible with analog progressive scan, HDTV and PC (VGA) signals.

Widescreen flat TV with Pixel Plus 2 HD and Ambilight 2 channel
42" LCD HD Ready

42PF9830/10

Specifications

Picture/Display
- Aspect ratio: 16:9
- Brightness: 550 cd/m²
- Diagonal screen size: 42 inch / 107 cm
- Color cabinet: Pearl - White Silver (11092)
- Display screen type: LCD Full HD W-UXGA Act. matrix
- Picture enhancement: Progressive scan, 3D Combfilter, Active Control + Light sensor, Digital Natural Motion, Jagged Line Suppression, Movie Plus, Widescreen Plus, Pixel Plus 2 HD, Dynamic contrast enhancement
- Screen enhancement: Anti-Reflection coated screen
- Viewing angle (H / V): 176 / 176 degree
- Panel resolution: 1920x1080p
- Response time (typical): 8 ms
- Dynamic screen contrast: 4000:1

Ambilight
- Ambilight Features: Ambilight 2 Channel, Auto adaptive to video content, 2 Channel Left/Right control
- Color Settings: Full Multi Color
- Dimming Function: Manual and via Light Sensor
- Preset modes: 2 Preset & 1 Personal color, 4 Active Adaptive modes

Supported Display Resolution
- Computer formats

Resolution	Refresh rate
640 x 480	60Hz
800 x 600	60Hz
1024 x 768	60Hz

- Video Formats

Resolution	Refresh rate
640 x 480i	1Fh
640 x 480p	2Fh
720 x 576i	1Fh
720 x 576p	2Fh
1280 x 720p	3Fh
1920 x 1080i	2Fh

Sound
- Sound Enhancement: Auto Volume Leveller, Digital Signal Processing, Dynamic Bass Enhancement, Graphic Equaliser
- Sound System: Virtual Dolby Digital
- Output power (RMS): 3x15W

Loudspeakers
- Built-in speakers: 3
- Loudspeaker types: Flat NXT Monolith Speakers, Integrated subwoofer

Convenience
- Ease of Installation: Auto Program Naming, Automatic Channel Install(ACI), Automatic Tuning System (ATS), Autostore, PLL Digital Tuning, Plug & Play
- Ease of Use: On Screen Display, Program List, Smart Picture, Smart Sound
- Remote control type: RC4310
- Teletext: 1200 page Hypertext
- Teletext enhancements: Habit Watch, Program information Line
- Picture in Picture: Full dual screen (2 tuners), Mozaic, Text dual screen
- Remote Control: Amp, DVD, DVD-R, Sat, Universal and Learnable, VCR
- Screen Format Adjustments: 6 Widescreen Modes, Auto Format, Subtitle and Heading Shift, Movie expand 14:9, Movie expand 16:9, Widescreen, 4:3, Super Zoom, Subtitle Zoom
- Clock: Smart Clock
- Child Protection: Child Lock+Parental Control
- Connection Enhancement: Easy link

Multimedia Applications
- Digital Content Management: Digital Media Reader
- Memory Card Types: Compact Flash type I, Compact Flash type II, Memory Stick, Microdrive, MultiMedia Card (MMC), Secure Digital Card (SD), Smart Media Card
- Multimedia connections: Ethernet-UTP5, UPnP, USB, Wi-Fi (opt. Ethernet-bridge)
- Playback Formats: DivX 5, JPEG Still pictures, MP3, MPEG1, MPEG2, MPEG4, Slideshow files (.alb), XviD

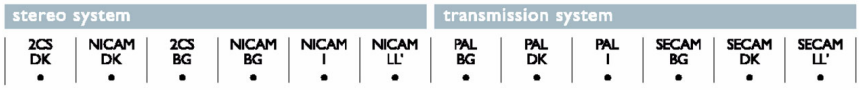
Tuner/Reception/Transmission
- Tuner bands: Hyperband, S-Channel, UHF, VHF
- TV system: PAL, SECAM
- Video Playback: NTSC, PAL, SECAM
- Aerial Input: 75 ohm coaxial (IEC75)

Connectivity
- Ext 1 Scart: Audio L/R, CVBS in/out, RGB
- Ext 2 Scart: Audio L/R, CVBS in/out, RGB, Y/C
- Ext 3 Scart: Audio L/R, CVBS in/out
- Ext 4: S/PDIF digital coaxial, YPbPr
- Ext 5: DVI-I with HDCP, YPbPr
- Ext 6: HDMI
- Ext 7: Ethernet RJ45
- Other connections: Analog audio Left/Right out, S/PDIF in (coaxial), S/PDIF out (coaxial)
- Front / Side connections: 2x USB, Audio L/R in, CVBS in, Headphone out, Multi-slot memory card reader, S-video in

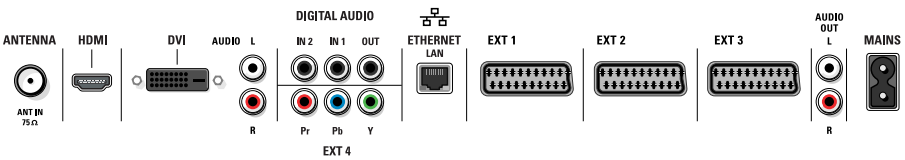
Power
- Power consumption: 239 W
- Standby power consumption: 1 W
- Mains power: AC 220 - 240 V +/- 10%
- Ambient temperature: 5 °C to 40 °C

Dimensions
- Product weight: 36 kg
- Weight incl. Packaging: 58 kg
- Box dimensions (W x H x D): 1330 x 960 x 330 mm
- Set dimensions (W x H x D): 1238 x 755 x 96 mm

Accessories
- Included accessories: DVI-I to VGA adapter, Motorised RC swivel stand, Wall mounting bracket
- Optional accessories: 5 in one connection cable, Floor stand



Rear connectors



Side connectors

Issue date 2011-01-12

Version: 26.0.28

12 NC: 8670 000 21618
EAN: 87 10895 87903 3

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